



UNM LEARN



David Kirby

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[Course Home](#) [Module 4](#) **Take Test: Quiz 4.8**

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Test Information

Description

Instructions

Multiple Attempts This test allows multiple attempts.

Force Completion This test can be saved and resumed later.

QUESTION 1

1 points

Saved

Which of the following are typical transient response characteristics for second-order systems?

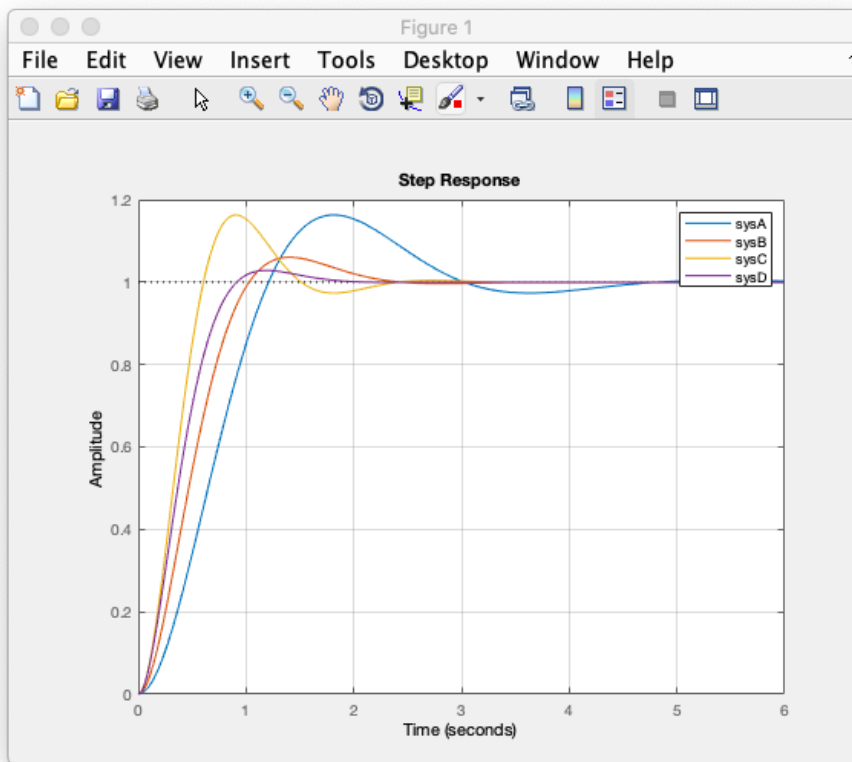
- ☐ Damping ratio and natural frequency
- ☒ Percent overshoot, settling time, rise time, and peak time
- ☐ Underdamped, overdamped, undamped, and critically damped
- ☐ Damping ratio, natural frequency, damped frequency, and decay rate

QUESTION 2

1 points

Saved

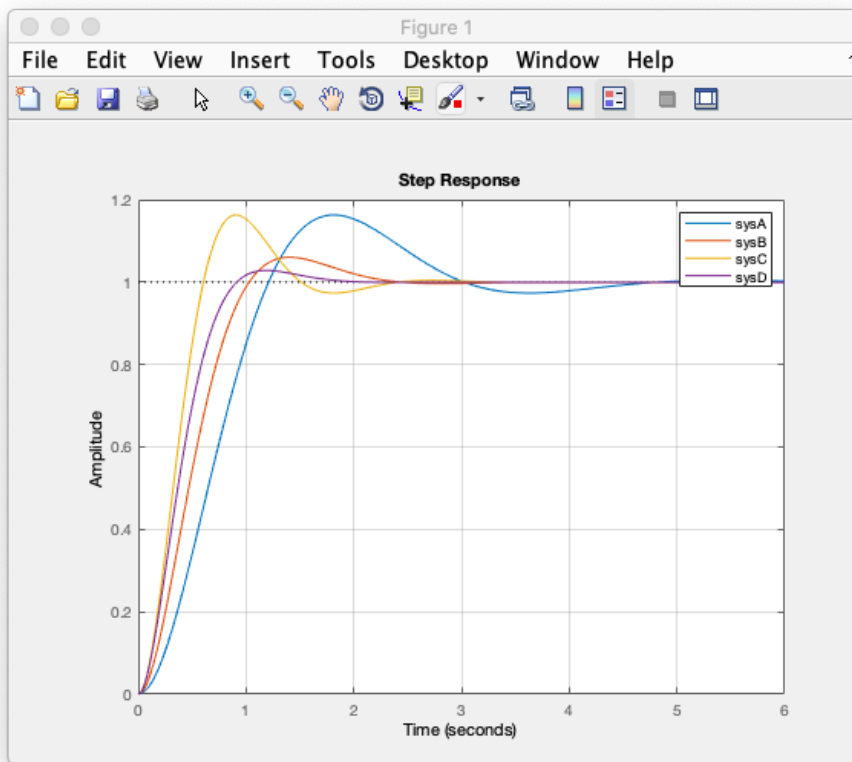
Which of the following step responses has the lowest percent overshoot?



- ☐ Step response from System B
- ☐ Step response from System A
- ☐ Step response from System C
- ☒ Step response from System D

QUESTION 3**1 points****Saved**

Which of the following step responses has the slowest settling time?



- ☒ Step response from System A
- ☐ Step response from System B
- ☐ Step response from System C

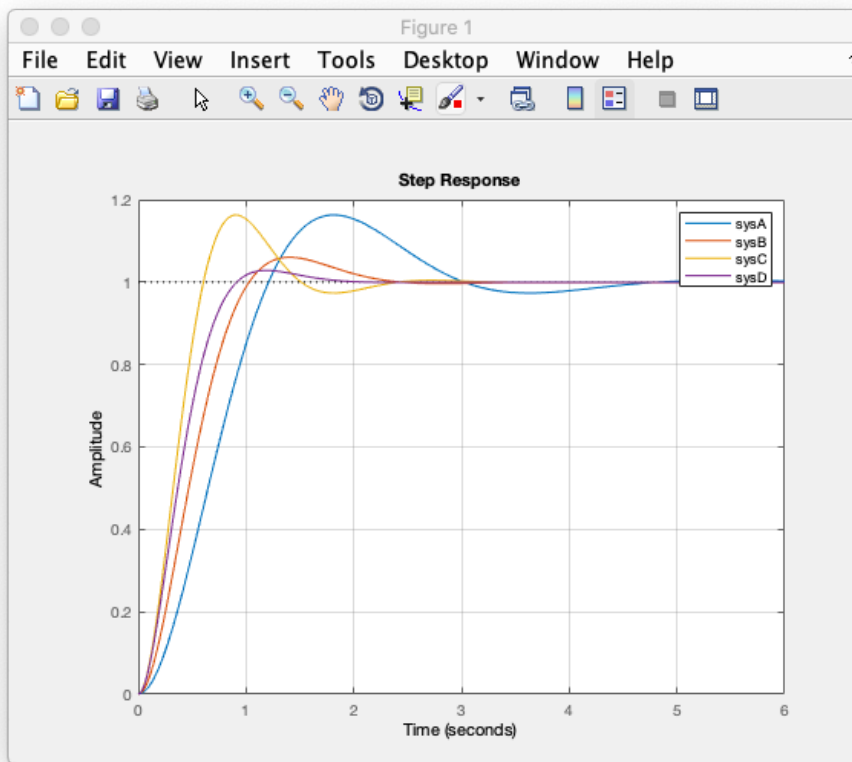
Question Completion Status:

QUESTION 4

1 points

Saved

Which of the following step responses has the fastest peak time?



☐ Step response from System A

Click Save and Submit to save and submit. Click Save All Answers to save all answers.